Port and Borough of King's Lynn.

ANNUAL REPORT

. . OF THE . .

MEDICAL OFFICER OF HEALTH

FOR THE YEAR 1913,

. . BY . .

J. RENORDEN KINGDON,

M.R.C.S., L.R.C.P., B.A., Cantab.

WITH WHICH IS INCLUDED THE

ANNUAL REPORT OF THE BOROUGH SANITARY INSPECTOR

MR. J. W. SHAW,

Certif. of the Sanitary Institution.

King's Lynn:

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URBAN AND PORT SANITARY AUTHORITY.

CHAIRMAN: ALDERMAN R. GREEN.

THE MAYOR (R. O. RIDLEY, ESQ.)

ALDERMAN W. H. BROWN.

" R. A. METCALF.

COUNCILLORS T. BROWN, R. ERRINGTON, G. GEMMELL, E. GREEN, M. J. JACKSON, L. SKINNER, E. G. SMITHARD, R. F. SPRINGALL and G. G. WOODWARK.

Meetings:—The Fourth Friday in each month at 11 a.m.

TO THE CHAIRMAN & MEMBERS OF THE HEALTH COMMITTEE OF KING'S LYNN.

HEALTH OFFICE,

KING'S LYNN,

GENTLEMEN, MARCH, 1914.

I have much pleasure in presenting you with my report for 1913 which you will see is of a very favourable character.

The number of births have increased from 437 last year to 477 this.

The marriages have also increased from 148 to 173.

The deaths have decreased from 321 last year to 285 this.

During the first nine months the town was particularly free from Zymotic diseases, and there were only three cases of Typhoid Fever throughout the year.

As requested by the Local Government Board I have included a report on the housing question, but as the matter is at the present time under the particular consideration of the council, I have not enlarged upon it, but have confined myself to certain facts.

My thanks are again due to Mr. J. W. Shaw for the assistance he has given me and to the other Officers of the Corporation with whom I have come in contact.

I have the honour to be, Gentlemen,

Your obedient Servant,

J. RENORDEN KINGDON.

Table 1.—Borough of King's Lynn—Vital Statistics of Whole District during 1913 and previous years

Year.	Population estimated to middle of each Year.	Births.		Total Deaths Registered in the District.		Transferable Deaths		Nett Deaths belonging to the District.			
						of Non-residents registered in the District.	of Residents not registered in the District.	Under 1 year of age.		At all ages.	
		Number	Rate.*	Number	Rate.*			Number *	Rate per 1000 Births registered.	Number	Rate.*
1	2	3	4	5	6	7	8	9	10	11	12
1901	20128	531	26·38	370	18·38			84	158·19	365	18·13
1902	20135	514	25·22	285	14·15			49	95·33	280	13·9
1903	20143	493	24·47	292	14·49			59	119·65	287	14·24
1904	20150	572	28·28	320	15·88			71	124·12	315	15·63
1905	20158	521	25·89	313	15·52			61	117·08	308	15·27
1906	20166	583	28·03	315	15·62			78	133·79	310	15·37
1907	20173	467	23·15	283	14·03			42	89·94	278	13·7
1908	20180	519	25·72	303	15·01			56	107·9	298	14·76
1909	20189	511	25·31	265	13·12			37	72·4	260	12·87
1910	20197	488	24·21	265	13·17			33	67·62	260	12·92
Average for ten years 1901-1910 inclusive	20166	519·9	25·66	301	15·35	15	10	57	111·7	296	14·67
1911	20205	483	23·9	286	14·15	15	10	46	95·24	281	13·9
1912	20213	437	21·15	321	15·88	14	9	44	100·7	316	15·6
1913	20221	477	23·59	299	14·78	22	8	47	98·5	285	14·09

*Rates in Columns 4, 6 and 12 calculated per 1,000 of Estimated Population.

At CENSUS 1911.—Total Population at all Ages 20,205. Number of Families or separate Occupiers, 4,840.

Area of District in Acres (exclusive of area covered by Water), 3,100.

RAINFALL FOR 1913.

Jan.	2·66	July	1·10
Feb.	·60	Aug.	·39
Mar.	2·42	Sept.	2·21
Apl.	1·72	Oct.	5·12
May	2·17	Nov.	1·50
June	1·06	Dec.	·51

Total 21·46.

Average rainfall 1894 to 1911 inclusive 22·91.

1912 33·43 inches.

REPORT OF ADMINISTRATION IN CONNECTION WITH THE PUBLIC HEALTH (MILK & CREAM) REGULATIONS, 1912.

Report for the Year ended 31st December, 1913.

1. MILK; AND CREAM NOT SOLD AS PRESERVED CREAM.

	(*a*) Number of samples examined for the presence of a preservative.	(*b*) Number in which a preservative was reported to be present.
Milk	15	None
Cream	None	None

Nature of preservative in each case in column (*b*) and action taken under the Regulations in regard to it.

None.

2. CREAM SOLD AS PRESERVED CREAM.

(*a*) Instances in which samples have been submitted for analysis to ascertain if the statements on the label as to preservatives were correct.

(I.) Correct statements made ... ... None

(II.) Statements incorrect ... ... None

(*b*) Determinations made of milk fat in cream sold as preserved cream.

(I.)	Above 35 per cent.	None
(II.)	Below 35 per cent.	None

(*c*) Instances where (apart from analysis) the requirements as to labelling or declaration of preserved cream in Article V (1) and the proviso in Article V (2) of the Regulations have not been observed.

None.

(*d*) Particulars of each case in which the Regulations have not been complied with, and action taken.

None.

3. THICKENING SUBSTANCES.

Any evidence of their addition to cream or to preserved cream. Action taken where found.

None.

HOSPITALS.

Small Pox Hospital.—This Hospital is in good order and ready to receive patients as required.

Infectious Disease Hospital, Hardwick Road.—This Hospital, which was renovated according to my report of 1909, has been kept in a satisfactory condition, and is capable of receiving 12 patients, 6 in each ward, which are completely isolated one from the other.

Tar-spraying of Roads.

During the past year about 8 miles of roads have been tar-painted as in previous years.

Tar-Paving.

The principal of covering cobble paved streets with tar-paving has been continued this year. The majority of this class of paved streets has now been dealt with.

Flushing and Washing.

Due attention has been given to the flushing and washing of sewers, yards, courts, alleys, etc.

New Buildings.

During the past year 19 plans of proposed new buildings have been approved. These include a plan for the construction of an arcade of lock-up shops upon one of the most congested areas in the Borough, viz.: between Tower Street and Cross Lane. This will have the effect of wiping out a considerable slum area. The work of pulling down the cottages has been commenced.

Scarlet Fever.

There have been 89 notifications with 3 deaths. In 1912 there were 39 notifications with no deaths. It has mostly been of a mild type, but latterly there seems to have been more serious involvement of the nazopharynx and middle ear.

In the last half of the year it was found to be necessary to open the isolation hospital for cases which could not be properly isolated at home or because of crowded yards or from other causes such as expected parturition.

In the 3rd quarter, 5 such cases were admitted, and in the 4th quarter, 14.

The Sanitary Inspector visited the houses wherein the notified cases were situated, and after the usual time for isolation, disinfected the rooms, and took the bedding, etc. to the steam disinfector.

Measles.

There seem to have been very few cases in 1913, but a large number have been away from school this year (1914), starting from the middle of January.

Whooping Cough.

During the Autumn, a great many children were victimized by this, but I only know of one death from it.

Diphtheria.

There were 15 cases notified, with 2 deaths, or less than half of those reported in the previous year.

Enteric Fever.

There were four cases notified, one of which was admitted into the West Norfolk Hospital from outside the Borough. Of the other three, one died. I could get no evidence as regards the origin of any of the cases.

Tuberculosis.

Under the new regulations all cases of Tuberculosis, whether of the lungs, or otherwise, were compulsorily notifiable from and after the 1st day of February.

There were 44 Pulmonary cases notified, and 20 other forms of Tuberculosis, all of which were resident in the town.

Under the Insurance Act a number of people were admitted into Kelling Sanatorium with very beneficial results, which was certainly the case in the few instances which came under my particular notice.

There were 24 deaths from Tuberculosis of the lung, 4 from meningitis, and 2 from other forms.

At the present time, not only the insured, but their wives and children of 14 years and over, are eligible for Sanatorium treatment, so it is to be hoped that many more will avail themselves of this method of checking the disease.

Cancer.

The number of deaths from this disease in 1913 was 28; in 1912, 36; and in 1911, 28.

The average number of deaths per annum from 1901 to 1910 (inclusive) was 27·3 or ·74 per thousand. The death rate in 1912 from cancer in Norfolk, not counting Norwich and Yarmouth, was ·74 per thousand.

Taking the deaths from cancer for the four years 1910-1913 (inclusive), we find that more than half had to do with the digestive organs.

	1910	1911	1912	1913
Liver	7	4	3	5
Stomach and Bowel	7	13	12	9
Panereas	0	1	3	2
Uterus	2	3	3	4
Breast	1	3	1	2

Whilst the next most frequent situation was the female generative organs. During the last four years I have kept a register of all the houses wherein these deaths have occurred, and have been unable to find any evidence that any house or part of the Borough was particularly infected.

HOUSING OF THE WORKING CLASSES.

In order to get some idea of the number of houses and tenements belonging to this class, I have taken all houses under £16 and classified them according to their districts; these districts are not entirely the same as those used in the Sanitary Department. Since tabulating these houses I have found that those of £16, as well as those below this rent, come under the category of working class houses. The number of these is 140. So that the total number of houses to be included is 4144.

The total number of houses in the Borough is ~~4800~~ 5738.

Table (A).

	No. of Houses	£15 and under £16	£14 and under £15	£13 and under £14	£12 and under £13	£11 and under £12	£10 and under £11	£9 and under £10	£8 and under £9	£7 and under £8	£6 and under £7	£5 and under £6	under £5
(1) North End	420	8	6	7	5	10	35	74	93	47	20	70	45
(2) Kettlewell	253	6	17	17	18	6	9	22	29	20	32	33	44
(3) Jews' Lane	85	2	3	0	6	0	9	3	2	8	10	29	13
(4) Paradise	380	11	27	14	39	14	33	65	62	43	20	32	20
(5) 1st Extension	428	3	7	18	16	14	163	65	24	59	24	28	7
(6) New Conduit	49	4	3	2	2	0	0	0	1	1	12	11	13
(7) Checker	58	5	0	0	5	3	4	1	17	4	5	8	6
(8) Trinity Hall	47	1	1	0	3	0	4	1	8	7	1	15	6
(9) Sedgeford Lane	459	4	12	4	16	13	46	61	87	56	54	64	46
(10) Stonegate	292	7	7	7	27	8	32	20	30	33	49	45	39
(11) 2nd Extension	139	40	14	29	21	11	9	10	2	1	0	2	0
(12) South Lynn within West of London Road	643	27	38	36	72	28	74	47	82	44	73	89	33
(13) South Lynn within East of London Road ... (1)	166	20	10	11	8	0	21	20	14	31	17	12	2
(14) South Lynn within East of London Road ... (2)	284	2	4	5	11	7	21	38	70	49	55	15	7
(15) South Lynn without	301	10	2	13	28	25	49	111	39	9	10	12	1
	4004	150	151	163	277	136	509	538	560	412	382	465	282

Nos. (1) and (5) i.e.: North End and 1st Extension consists of what may be termed:—

(*a*) Old North End, i.e.: Chapel Street, North Street, St. Ann's Street, etc., with the yards.

(*b*) New North End, i.e.: Part of "North End," North of Dock Railway Crossing.

(*c*) Highgate, Spread Eagle Estate, etc.

The houses in (*a*) are mostly old and a number of them are in a bad state of repair.

The houses in (*b*) are mostly 6-roomed modern houses, in good repair and with a rental of £8 to £10 per annum.

Of the houses in (*c*), those in Spread Eagle Estate are modern houses, in good repair, with a rental of from £10 to £14.

Those in Highgate are older and smaller houses, not in such good repair, and with a rental of from £5 to £10.

In this district during the last 5 years—

11 houses have been voluntarily repaired.
23 closing orders have been served.
2 houses have been demolished.
And 19 houses have been repaired after closing orders.

In No. (2), or Kettlewell, there are a number of good houses with rentals varying from £9 to £16, but there are also a large number of yards with old houses.

During the last 5 years in this district—

2 houses have been voluntarily repaired.
48 closing orders have been served.
2 houses have been demolished.
10 houses have been repaired after closing orders.

No. (3), or Jew's Lane, consists chiefly of old houses and tenements with rents under £6.

A good deal has been done in this district lately.

During the last 5 years—

19 closing orders have been served.
14 houses have been demolished.
5 houses have been repaired after closing orders.

No. (4), or Paradise Ward:—Most of the houses in this ward are in fairly good condition, and a number of them are modern, and most of them are rented at between £7 and £13, and only 20 under £5.

No. (6), or New Conduit Ward:—This ward mostly consists of yards with old houses, 36 out of the 49 houses being rented at under £7.

In this district during the last 5 years—

1 house has been voluntarily repaired.
7 closing orders have been served.
7 houses have been repaired after closing orders.

No. (7), or Checker Ward:—Most of the houses of £16 and under are old, and a number of them are not in good repair and have not proper air circulation. The larger number of houses are rented at under £9.

Here during the last 5 years—

10 closing orders have been served.
8 demolition orders have been issued.
2 houses repaired after closing orders.
And 5 demolished.

No. (8), or Trinity Hall:—Most of the houses are old and there are a number of yards. Nearly half of the houses have a rent of under £6.

No. (9), or Sedgeford Lane Ward:—In this ward we find a large number of good houses, mostly modern, with rents of £8 and upwards, and also many yards with old houses, 110 of which are rented under £6.

Here during the previous 5 years—

1 house has been voluntarily repaired.
There have been 11 closing orders.
2 houses demolished.
And 4 houses repaired after closing orders.

No. (10), or Stonegate Ward:—Here again we find a number of small modern houses in good repair, and also many old houses and tenements with cheap rentals. A great deal of attention has been paid to this district during the last few years.

In this district during the last five years—

14 closing orders have been served.
9 houses have been demolished.
4 houses have been repaired after closing orders.

No. (11), or (2nd Extension).

These houses are all new and in good order excepting one which has been repaired.

No. (12). This is by far the largest district and contains about 250 good modern houses with rents from £8 and upwards. There are also a number of yards with old houses but some of these have been repaired lately.

Here there have been 11 closing orders.
2 houses have been demolished.
9 houses repaired after closing orders.

No. (13). The houses in this district are nearly all modern and in good order.

No. (14). These are all modern houses.

No. (15). South Lynn without, i.e.: South of the railway line leading to the quay.

These are mostly quite modern houses and, excepting some cases of dampness, are all in good order and most of them are of the 6 room type as in New North End.

Two houses in this district were found to be defective but have since been repaired.

At the time when the last census was taken (1911) there were a number of houses, in the North End of the town especially, which were unoccupied, but now there are hardly any to let.

The reason of this is probably that Messrs. Savage's Engineering Works were not employing many men at the time: these now, I believe, are in a prosperous condition.

Also there are two new industries in the town i.e.: The Synthetic Rubber Works, and the Bookbinding Factory: this last employs a large number of young women and also a certain number of men.

Besides these Messrs. Paul & Co. have increased their business accommodation in the town. I calculate that there are in connection with these different industries at least one hundred more billets for men than there were in 1911, besides those for women. If this be correct, it seems evident that more houses are required for what is called the labouring class, and all the more so considering that houses are continually being demolished and that there are a number of cases of overcrowding.

The whole matter is at the present time under the consideration of the Town Council and I hope shortly some way of providing this accommodation may be found.

THE LOCAL ADMINISTRATION OF THE FACTORY AND WORKSHOPS ACT.

Under Sec. 132 of this Act, the Council's Medical Officer of Health is now required in his annual report to report specifically upon the administration of this Act in workshops and work places so far as the matters under the charge of the Council are concerned, and to send a copy of his report, or of so much of it as deals with this subject, to the Secretary of State.

I am glad to be able to state that the Workshops and Work places have been inspected from time to time, and have been found to be in such a condition that I am able to report very favourably upon them. Within the last few months I was interviewed by the Inspector of Factories in this district, who expressed himself quite satisfied with the local administration of this Act in the Borough.

In the Report of the Inspector of Nuisances which is appended, a more detailed account will be found, such as I believe to be required.

TABLE II.

Borough of King's Lynn.—Cases of Infectious Disease notified during the Year 1913.

NOTIFIABLE DISEASE.	CASES NOTIFIED IN WHOLE DISTRICT.								TOTAL CASES NOTIFIED IN EACH LOCALITY.						
	At all Ages.	At Ages—Years.													
		Under 1	1 to 5	5 to 15	15 to 25	25 to 45	45 to 65	65 and upwards	Old Lynn S. of Purfleet.	Old Lynn N. of Purfleet.	North End.	Highgate, Gaywood Rd., &c.	South Lynn within.	South Lynn without.	Cases removed to Hospital.
Diphtheria (including Membranous croup)	15	1	1	9	3	1			1	6	1	3	3	1	2
Erysipelas ...	8			1		2	1	4	2	1	0	2	2	1	
Scarlet Fever ...	89	1	15	64	9				19	16	14	9	22	9	19
Enteric Fever ...	4			1	1	1	1				1	1	2		1
Puerperal Fever ...	1					1				1					
Pulmonary Tuberculosis...	44		1	2	13	13	13	2	5	14	5	5	11	4	
Other forms of Tuberculosis...	20	1	4	8	2	4		1	5	3	4	3	3	2	
Totals	181	3	21	85	28	22	15	7	32	41	25	23	43	17	22

Table III.—Causes of, and Ages at Death, during Year 1913.

Causes of Death.	Nett deaths at the subjoined ages of "residents" whether occurring within or without the district.									Total Deaths whether of "Residents" or "Non-Residents" in Institutions in the District.
	All Ages.	Under 1 year	1 and under 2.	2 and under 5.	5 and under 15.	15 and under 25.	25 and under 45.	45 and under 65.	65 and upwards.	
1	2	3	4	5	6	7	8	9	10	11
Enteric Fever	1							1		2
Scarlet Fever	3				2	1				1
Whooping Cough	1			1						
Diphtheria and Croup	2	1			1					1
Influenza	5	1		1				1	2	1
Phthisis (Pulmonary Tuberculosis)	24		1			6	7	9	1	2
Tuberculous Meningitis	4			3	1					1
Other Tuberculous Diseases ...	2	1							1	2
Cancer, malignant disease ...	31						2	15	14	6
Meningitis	4	1	2			1				
Organic Heart Disease	37				1		3	8	25	4
Bronchitis	14	2						5	7	1
Pneumonia (all forms)	22	7	2	1	2		4	2	4	4
Other diseases of respiratory organs	3							2	1	1
Diarrhœa and Enteritis	9	7		1	1					1
Appendicitis and Typhlitis ...										5
Cirrhosis of Liver	3							2	1	
Nephritis and Bright's Disease ...	5							3	2	3
Puerperal Fever	1						1			
Other accidents and diseases of Pregnancy and Parturition ...	2					1	1			1
Congenital Debility and Malformation, including Premature Birth	25	21	1		1	1				2
Violent Deaths, excluding Suicide	5			1				2	2	3
Suicide	2							2		
Other Defined Diseases	77	6		1	2	1	3	22.	43	20
Diseases ill-defined or unknown...	3					1		1	1	
Total, all causes	285	47	6	9	11	12	21	75	104	61

Table IV.—Borough of King's Lynn.—Infantile Mortality during the Year 1913.

Deaths from stated Causes in Weeks and Months under One Year of age.

CAUSE OF DEATH.	Under 1 Wk.	1-2 Weeks	2-3 Weeks	3-4 Weeks	Total under 1 month	1-3 months	3-6 months	6-9 months	9-12 months	Total Deaths under One Year.
Diphtheria and Croup								1		1
Other Tuberculous Diseases ...									1	1
Meningitis							1			1
Convulsions	2				2					2
Bronchitis						1	1			2
Pneumonia (all forms)				1	1	1	2	3		7
Diarrhœa						2	2	3		7
Syphilis							1			1
Atelectasis	2				2					2
Congenital Malformations ...	2				2			1		3
Premature Birth	4				4	2				6
Atrophy, Debility and Marasmus	3		3	2	8	2		2		12
Other Causes	1				1	1				2
TOTALS	14	0	3	3	20	9	7	10	1	47

Nett Deaths from all Causes at all Ages, 285.

Total No. of Illegitimate Children 1913 - 31.

Total No. of Births 1913 - 477.

PORT OF KING'S LYNN.

King's Lynn,

March, 1914.

TO THE CHAIRMAN AND MEMBERS OF THE PORT SANITARY AUTHORITY.

Gentlemen,

During the year 1913 the ships calling at this port have been particularly free from disease and no case of infectious disease has been brought under my notice.

I visited 13 ships which came from ports situated in areas wherein infection might have existed, most of which had clean bills of health from ports of call.

I should like to point out the large increase in the coastwise trade.

The Port Sanitary Hospital is in good order.

My thanks are due to Mr. H. Genochio, H.M. Collector of Customs for the Wash District, for again supplying me with the list of ships and imports coming to the port during the year; and to the officers of the Customs for their invariable courtesy and promptitude.

I have the honour to be, Gentlemen,

Your obedient Servant,

J. RENORDEN KINGDON.

Number of Vessels arriving at port in the year 1913.

From Foreign	...	347	Last Year	...	375
Coastwise	...	659	,,	...	533

Food Stuffs imported and brought coastwise during 1913.

(a) **Fresh Food, etc.** Rice, Macaroni, Potatoes, Onions, Cherries, Cheese, Margarine, Periwinkles, and Cucumbers,

(b) **Frozen Meat.** Nil.

(c) **Tinned Goods.** Condensed Milk, Sardines, Peas and Beans.

Grain (all kinds). Oats, Wheat, Maize, Barley, and Peas and Beans (not fresh).

List of Principal Imports, 1913.

Timber
Grain
Oilcake
Sugar
Paper
Cotton Goods
Cycle Rims
Leather
Hardware
Chemicals
Chinaware & Earthenware
Machinery
Glass and Glass Manufactures
Painter's Colors
Crude Spelter
Stone
Old Metal (Copper, Brass, etc.)
Asphalte
Carbide of Calcium
Formic Acid
Baskets
Hoopwood
Buttons
Straw Envelopes
Boots and Clogs
Iron Manufactures: Hoops, Wire Nails, Tubes, and Pipes, Wire, Rods, etc.
Moss Litter
Wood Pulp
Spirits, Brandy, Geneva, Perfumery, etc.
Wines (Claret, Port, Sherry Hock and Moselle)
Twine
Matches
Cork, Manufactured
Linoleum
Cattle Foods
Vegetables, preserved
Phosphates and Manures
Polishes
Glue
Clocks
Iron Ore
Tea
Cocoa Powder
Incandescent Mantles
Pyrites
Ice
Sand
Air Guns
Candles
Vegetable Wax
Pianos
Furniture
Tobacco
Cigars
Toys
Stationery
Tools
Sewing Machines
Boilers
Iron Wagons
Rails
Bulbs and Trees
Wood Mouldings
Doors
Yarn and Thread
Soap
Brushes
Electrical Apparatus
Dyes
Explosives
Bristles
Fibre
Grass & Seeds
Zinc Sheets
Sheet Iron
Bolts and Nuts
Celluloid
French Chalk
Grindstones
Woollen Goods
Oil
India Rubber
Millboard

BOROUGH OF KING'S LYNN.

ANNUAL REPORT

... OF THE ...

SANITARY INSPECTOR.

TO THE MAYOR, ALDERMEN AND BURGESSES
OF THE BOROUGH OF KING'S LYNN.

GENTLEMEN,

I beg to submit my Fifteenth Annual Report of the work done in the Sanitary Inspector's Department during the year ending December 31st, 1913.

I am, Gentlemen,

Your obedient Servant,

JOHN W. SHAW.

Population Estimated 1913	20201
Area	3173 acres

SUMMARY OF NUISANCES.

No. of Nuisances dealt with	866
Houses and Premises Inspected	1226
Notices Issued (Informal)	531
Notices Issued (Statutory)	19
Prosecutions	16
No. of Complaints re Nuisances	65
No. of Ashbins provided	396

Drainage.

Drains Re-constructed or cleansed	26
New Drains Laid	12
Drains Smoked Tested	19
Defective Spouting Repaired	21

W.C. Accommodation.

Defective W.C.'s Repaired	25
Insufficient Sanitary Conveniences	2
Outhouses Cleansed	13

Miscellaneous.

Absence of Properly Constructed Ashbins	461
Defective Ashbins	21
Filthy Yards	13
Defective Paving	29
Overcrowding	6
Accummulation of Refuse and Manure	29
Houses in Filthy Condition	10
Bakehouses in Dirty Condition	9
Slaughter-houses in Dirty Condition	5
Workshops in Dirty Condition	15
Other Premises in Dirty Condition	35
Nuisances from Animals	15
Smoke Nuisances	1
Insanitary Stables	3
Other Nuisances	64

Licensed Premises Inspected.

Slaughter-houses Inspected	1144
Bakehouses Inspected	64
Dairies and Milkshops Inspected	126
Cowsheds Inspected	38
Workshops and Factories Inspected	196
Homeworkers Premises Inspected	48
Lodging Houses Inspected	32

Meat Inspection.

	st.	lb.	
Forfeited Meat	198	0	of beef
,, ,, ...	10	0	of pork
,, ,, ...	40	0	of mutton
,, ,, ...	39	0	of cod fish
,, ,, ...	16	0	of shell fish
Total	303	0	

Feb.	Two Sets of Beast Offal	Condemned
Mar.	Carcass of Beef (Localised Tuberculosis)	,,
,,	Four Carcasses of Mutton	,,
,,	39 st. Cod Fish	,,
Apl.	Two Carcasses of Mutton	,,
,,	One Carcass of Pork	,,
July	Two Carcasses of Beef (General Tuberculosis)	,,
,,	Three Beasts Livers	,,
Sept.	Four Beasts Livers	,,
,,	One Carcass of Mutton	,,
,,	Two Barrels of Shell Fish	,,
Nov.	Two Carcasses of Beef (General Tuberculosis)	,,
,,	One Carcass of Mutton	,,

Infectious Diseases and Disinfection.

Infectious Cases Investigated	150
Houses in which Infectious Cases Occurred	136
Visits made to Infectious Hospitals	265
Visits made to Infected Houses	450

No. of Rooms Disinfected	97
No. of Articles treated at the Steam Disinfector	952
No. of Articles Destroyed	23
No. of Vehicles Disinfected	13
No. of Yards and Drains Disinfected	213
Steam Disinfector in use	78
No. of cases Removed to Hospital	11

Situation of Slaughter-houses.

Lift's Yard, Norfolk Street.
Paradise Lane (2)
Softley's Yard, Broad Street.
Union Lane.
High Street.
London Road.
Highgate.
Windsor Road.
Norfolk Street.
Littleport Street.
Diamond Street (Horse Slaughtering).

Two Slaughter-house Licenses have been renewed.

Registered Common Lodging Houses.

The following is a Statement of the work done since my appointment as Inspector of Common Lodging Houses in June last.

Day Inspections	60
Night Inspections	24

Result of Proceedings taken before the Magistrates, as follows :—

G. Johnson, for offences under Nos. 7, 9 and 11 of the Common Lodging House Bye-Laws, Fined 20/- and 5/6 expenses for each offence ; or in default thereof, distress or one month's imprisonment.

Dairies, Cowsheds and Milkshops.

There are 63 Milksellers in the Borough, of which 27 are Milk-shop Proprietors, 15 Milksellers and Cowkeepers, 21 Cowkeepers and Milksellers who reside outside the Borough Boundary.

Due attention has been given to the cleanliness of the Cattle themselves and of their surroundings. As far as possible my visits have been made at the time of milking so that the methods of milking, and the care of the milk may be observed. In this respect there has been little reason to complain. I find that Cowkeepers and Dairymen are much more enlightened than formerly as to the necessity of keeping the milk free from contamination.

One Cow, on a Cowkeeper's Premises, which I suspected was suffering from Tuberculosis, was taken to a Horse Slaughter's Premises and slaughtered; and it was found to be diseased with general Tuberculosis.

DISEASES OF ANIMALS' ACT.

(Tuberculosis Order of 1913).

Date	Notifications.	Tuberculin test applied	Diagnosis.	Remarks.
June 17	2	2	One cow was diseased with tuberculosis with emaciation.	Removed to Horse Slaughters Premises to be destroyed.

Date.	No. of Animals removed from the Cattle Market.	Condition of Animal.	Remarks.
June 18	1	Tuberculosis with emaciation	Sent to Horse Slaughterer's Premises to be destroyed.
Aug. 26	1	Indurated udder	Sent back to Littleport.
Aug. 26	1	Tuberculosis with emaciation	do.
Aug. 26	1	do.	Sent to Horse Slaughterer's Premises to be destroyed.
Aug. 26	1	do.	do.
Sept. 30	1	do.	do.
Dec. 2	1	do.	Sent back to Sutton St. James'

Housing and Town Planning, etc. Act, 1909.

The number of Dwelling-houses inspected under and for the purpose of Sec. 17 of the Act, 1909		61
The number of Dwelling-houses which on inspection were considered to be in a state so dangerous or injurious to health as to be unfit for human habitation		44
The number of representations made to the Local Authority with a view to the making of Closing Orders		44
The number of Closing Orders made... ...	1913—14	1914—30
The number of Dwelling-houses the defects in which were remedied without the making of Closing Orders		10
The number of Dwelling-houses which after the making of Closing Orders were put into a fit state for human habitation		27
The general character of the defects found to exist	General dilapidation. The want of through ventilation. Damp walls & floors. The want of light and air.	

FACTORIES, WORKSHOPS & WORKPLACES.

There are two hundred and ninty-eight factories, workshops and outworkers registered in the Borough.

Inspections.

	No. of Inspections.	No. of Written Notices.
Factories	69	3
Workshops	241	15
Homeworkers' Premises	49	9
Total	59	27

Defects Found.

	Number of Defects. Found.	Remedied.
Want of Cleanliness	24	24
Want of Ventilation	0	0
Other Nuisances	5	5
Sanitary Accommodation, Insufficient ...	1	1
Sanitary Accommodation, Unsuitable or Defective	2	2
Total	32	32

Home Work.

List of Outworkers	65
Lists Received	10
Addresses of Outworkers forwarded to other Authorities	0
Orders Prohibiting Homework in Infected Premises (S. 110)	2
Total	77

Registered Workshops.

Workshops	190
Workshop Bakehouses	32
Total Number of Workshops on Register ...	222

Other Matters.

Matters notified to H.M. Inspectors	2
Reports (of action taken) sent to H.M. Inspectors	5
Total	7

Health Office, Town Hall,

King's Lynn,

April, 1914.

PORT SANITARY INSPECTOR'S REPORT.

Mr. Chairman and Gentlemen,

During the year ending December, 1913, one hundred and sixty four ships were inspected, viz:—

Foreign Steamers	29
Foreign Sailing Ships	31
British Coasting Ships	35
British Coasting Steamers	25
Fishing Vessels	5
Canal Boats	39
	164

The forecastles and deck houses of six Ships were found to be in a dirty condition.

I am, Gentlemen,

Your obedient Servant,

JOHN W. SHAW,

Port Sanitary Inspector.

Health Office, Town Hall,

King's Lynn,

January 26th, 1914.

CANAL BOATS ACT, 1877 and 1884.

ANNUAL REPORT TO THE LOCAL GOVERNMENT BOARD FOR 1913.

Gentlemen,

I have to report that 39 inspections of Canal Boats were made during the year 1913.

Infringements of the Act were dealt with as follows:—

Leaky Cabins	1
Marks and Numbers Defaced ...	3
Unregistered	1
Cabins re-painted	1

I am, Gentlemen,

Your obedient Servant,

JOHN W. SHAW,

Canal Boat Inspector.